

Combined Sewer Overflow & Wet Weather Issues

Two-day Conference • September 29–30 • Portsmouth, NH

2021
SPECIALTY
CONFERENCE
& WORKSHOP
SERIES



Join us for a two-day conference, “Coping with Change; Regulations, COVID, and Climate Change” to discuss and share national and regional working knowledge and experiences. The conference will kick off with our keynote speaker, Chris Kloss, U.S. EPA who will host a question and answer session about wet weather regulatory policies. The conference will also feature a panel discussion on integrated planning; a tour of Portsmouth, NH’s Wet Weather Treatment Facility; a networking social and exhibits hall.

Municipal, state, and federal government employees as well as private consultants, contractors, and researchers involved in developing CSO long-term control plans, integrated wastewater plans, modeling, and infiltration and inflow (I/I) reduction programs are encouraged to attend.

IN-PERSON AND VIRTUAL - REGISTER ONLINE >>

Sponsorship and exhibit opportunities are available

DAY ONE—WEDNESDAY, SEPTEMBER 29		
8:00 AM	Registration & Continental Breakfast	
8 AM–5:30 PM	Exhibit Hall Open	
9:00	Welcome and Opening Remarks Virgil Lloyd, NEWEA President and Steve Perdios, NEWEA CSO/WWI Committee Chair	
9:15	Keynote Speaker: Chris Kloss, National Green Infrastructure Coordinator, US EPA	
10:15–Noon	CSO Programs Facing Change: From Integrated Planning to Long-Term Control Plans and Everything In-between A panel discussion including: John Schimmel, Springfield W&S (moderator); Nancy Gallinaro, Portland, ME; Shawn Syde, New Bedford, MA; and David Bowen, Narragansett Bay Commission, Providence, RI	
Noon–1:30 PM	Lunch/Exhibits	
	Session A: Review of CSO Programs or Elements	Session B: Modeling Programs
1:30 PM	The City of Lowell’s Integrated Plan: Balancing Environmental and Community Needs with CSO Control Chuck Wilson and Ben Agrawal, Hazen and Sawyer	Receiving Water Quality Model Calibration for MWRA CSO Program Dominique Brocard, AECOM
2:00	The City of Manchester, New Hampshire’s Ongoing CSO Mitigation Program Frederick McNeill and Jeremy Bouvier, City of Manchester, NH	Innovative Root Cause Analysis to identify Chronic Surface Flooding Countermeasures Yovanni Catano, Michael Hanley and Miles Bateman, Dewberry
2:30–3:00	Break/Exhibits	
3:00	Lessons Learned from the First Use Attainability Analysis Approved for Combined Sewer Overflows Chris Ranck, Black & Veatch John Trypus and Olivia Hawbaker, Citizens Energy Group	Having Attained 93% Volumetric Reduction Following Three Decades of Effort, Augusta Had to Get Creative to Further Advance its CSO Program Steven Freedman, Consulting Engineer and Brian Tarbuck, Greater Augusta Utility District
3:30	Assessing the Performance of the North Dorchester Bay Tunnel System Gregory Heath and Daniel Braz, AECOM Jeremy Hall, MWRA	Emergency Response Under Extreme Storm Events—The Narragansett Bay Commission’s Pawtucket Tunnel Project Lila Gillespie, Grace Huson and Justin Bartels, Stantec
4:00–5:30	Networking Reception	

SPONSORS

ADS Environmental Services	Englobe	Fuss & O’Neill, Inc.	JDV Equipment Corp
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DAY TWO—THURSDAY, SEPTEMBER 30

8:00 AM	Registration & Continental Breakfast	
8 AM–5:30 PM	Exhibit Hall Open	
	Session C: Affordability Issues	Session D: Three Presentations on Treatment Technology and Two on Public Notifications
9:00	Using Integrated Planning to Address CSO Affordability Challenges Fred Andes and Erika Powers, Barnes & Thornburg	Charleroi, PA Satellite Treatment for CSO Control—From Concept to Reality Sarah Willett, WesTech Engineering, LLC
9:30	This is Not a Drill: Financial Resiliency Lessons Learned From Surviving a Pandemic David Hyder, Stantec	New Primary Bio-Filter Achieves High-Rate Treatment for Wet-Weather Inflows Jonathan Liberzon, Tomorrow Water
10:00	CSO Program Update: Final Phase of the Largest Public-Works Project in Rhode Island History Melissa Carter, Stantec Kathryn Kelly, Narragansett Bay Commission	Large Scale Pilot Test of Satellite CSO Technologies John Dening, Mott MacDonald
10:30	Break/Exhibits	
11:00	Affordability—A Driver for Consent Order Driven CSO Abatement for Onondaga County Zachary Monge, Jacobs	MWRA's CSO Public Notification Program David Wu, MWRA
11:30	Enhance CIP Processes at Cincinnati MSD to Achieve Asset Reliability and CSO Compliance Laith Alfaqih, Stantec Ian Laseke, Metropolitan Sewer District of Greater Cincinnati	Application of Level Meters at CSO Locations to Provide Real-time Data on System Performance Karilyn Heisen and Constantine Karos, CDM Smith Shawn Syde, City of New Bedford, MA
Noon–1:30 PM	Lunch/Exhibits	
	Session E: Real Time System Management	<p align="center">—TOUR— Portsmouth, NH Wet Weather Treatment Facility</p> <p align="center">Sign up in advanced Limited space Transportation not provided</p>
1:30 PM	Application of Real Time Decision Support Systems (RT-DSS) to Reduce CSO Volumes and Compliance Costs Richard Loeffler, Xylem	
2:00	Combating Climate Change with Smart Watershed Network Management Vikto Hlas, OptiRTC, Inc.	
2:30	Break/Exhibits	
3:00	Data analytics for wet weather solutions, a sharing experience in getting the most out of your data to achieve the best possible outcome Nicholas Anderson, Stantec	
3:30	Leveraging Machine Learning for Predictive Operational Support Chris Ranck, Black & Veatch	
4:00	Adjourn	

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[REGISTER ONLINE >>](#)

Preregistration deadline is September 24, 2021*

TCHs will be available for participating states.

Member: \$295 two-day.....\$180 one-day
Non Member: \$395 two-day (incl membership.....\$245 one-day
Virtual: \$250 two-day.....\$195 one-day

VIRTUAL ATTENDANCE OPTION: If you are unable to attend the in-person conference, you may register to join us online from 8:45am-12:00pm on September 29th for live streaming and live q&a. Additional presentations will be available on demand.

**The registration fee will increase by \$30 for registrations received after Sept 24th. Reduced registration rates for Regulators, Retired and Students.*

COVID Policy: NEWEA's main priority is the health and safety of our conference attendees, exhibitors, and staff. Currently, conference participants will be required to abide by the following safety and health protocols: Wear masks over their nose and mouth indoors regardless of vaccination status; Practice hand hygiene; and social distancing guidelines. These guidelines are subject to change. [Learn More >>](#)